

Work Order ID 71322

Friday, July 08, 2011 7:03:21 AM



Page 1

Item ID: D412-742-013

Accept



Setup Start



Revision ID:

Stop



Item Name: Float Skidtube Installation

Start Date: 6/28/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 7/28/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

IIN D412-742

D

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D412-742-013 CHG006

8/11/09/22

for CL 11-7-6

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

sp 11-09-22

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

8/11/09/22

20

B71312

Work Order ID 71322

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Page 2

Item ID: D412-742-013

Accept



Setup Start



Revision ID:

Stop



Item Name: Float Skidtube Installation

Start Date: 6/28/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 7/28/2011 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D412-742-013

Location: B3

FEU IT

11/9/23

140

0.00



QC21- Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

11/9/29

MF
11-09-28

Picklist Print

Friday, July 08, 2011 7:03:18 AM

Page 1

Work Order ID: 71322

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation





Start Date: 6/28/2011

Required Date: 7/28/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
IPP Rev: B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN 1072 DD verified by: JLM
IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC
IPP Rev: E 09-01-23 as per DSI9441 DD verified by: EC IPP RevF: add AN4C7A DD 10.01.13 verified by: EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4C7A  Bolt		Purchased	No			110	Each	343.0000	4	4		Sp 11-09-22	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST356		343							
				109147		343							
D412-742-043  Replacement Float Skidtube		Manufactured	No			110	Each	0.0000	1	1		4x 7/3/12	
D2571  Saddle, Fwd Out 205		Manufactured	No			110	Each	3.0000	1	1		Sp 11-09-22	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST433		3							
				70456		3							
D2572  Saddle, Fwd In 205		Manufactured	No			110	Each	0.0000	1	1		B 72969 1x	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST433		3							
				70456		3							

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Work Order ID: 71322

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 6/28/2011

Required Date: 7/28/2011

Start Qty: 1.00

Required Qty: 1.00

D2573

Manufactured No

110

Each

1.0000

1

1



Saddle, Aft Out 205

Location

Loc Qty

Loc Code

ST434

1

70458

1

Manufactured No

110

Each

1.0000

1

1

D2574



Saddle, Aft In 205

Location

Loc Qty

Loc Code

ST434

1

70459

1

Manufactured No

110

Each

26.0000

2

2

D2876



Saddle Spacer

Location

Loc Qty

Loc Code

ST026

26

68282

26

Manufactured No

110

Each

45.0000

2

2

D2877



Saddle Spacer

Location

Loc Qty

Loc Code

ST025

45

68283

45

Manufactured No

110

Each

46.0000

16

16

D3403-1



Bushing

Location

Loc Qty

Loc Code

ST052

46

70696

29

71350

17

10X

SP 11-09-22
B 72936 1X

SP 11-09-22
B 72937 1X

SP 11-09-22
B 72136 2X

SP 11-09-22
B 72135 2X

SP 11-09-22

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Work Order ID: 71322

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 6/28/2011

Required Date: 7/28/2011

Start Qty: 1.00

Required Qty: 1.00

S D2747
Set Screw

Manufactured No

110

Each

178.0000

4

4



8p 11-09-22

S D3533-1
Set Screw

Manufactured No

110

Each

60.0000

2

2



4x
8p 11-09-22
B73310 2x

S AN4C6A
Bolt

Purchased No

110

Each

346.0000

16

16



8p 11-09-22

Location

Loc Qty

Loc Code

ST021

178

69494

78

71163

100

Location

Loc Qty

Loc Code

ST066

60

67583

60

Location

Loc Qty

Loc Code

FG

4

103344

4

ST356

342

116704

19

117619

98

117794

50

117872

75

118191

100

76x

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Page 4

Work Order ID: 71322

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 6/28/2011

Required Date: 7/28/2011

Start Qty: 1.00

Required Qty: 1.00

AN4C52A

Purchased

No

110

Each

59.0000

8

8



BOLT

Location

Loc Qty

Loc Code

ST361

59

117163

52

117688

7

AN6C12A

Purchased

No

110

Each

14.0000

8

8



BOLT

Location

Loc Qty

Loc Code

ST342

14

116022

8

117688

6

D3672-3

Manufactured

No

110

Each

667.0000

32

32



Phenolic Washer

Location

Loc Qty

Loc Code

ST074

667

64176

225

71159

442

AN960C416L

12AS114920432R

Purchased

No

110

Each

0.0000

32

32



WASHER

mil7291

D3672-9

Manufactured

No

110

Each

280.0000

8

8



Phenolic Washer

Location

Loc Qty

Loc Code

ST074

280

35523

280

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Page 5

Work Order ID: 71322

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 6/28/2011

Required Date: 7/28/2011

Start Qty: 1.00

Required Qty: 1.00

AN960C616L

NAS114920632R

Purchased

No

110

Each

0.0000

8

8

WASHER

m118006. 8x

SP 11-09-22 L

D3672-11

Manufactured

No

110

Each

315.0000

16

16

Phenolic Washer

SP 11-09-22 L

Location

Loc Qty

Loc Code

ST074

315

58046

315

110

Each

799.0000

29

16x
29

MS21043-4

Purchased

No

SP 11-09-22 L

Nut

m118378 29x

Location

Loc Qty

Loc Code

FG

40

104603

40

ST301

759

117601

259

117793

500

D3403-3

Manufactured

No

110

Each

13.0000

8

8

Bushing

SP 11-09-22 L

Location

Loc Qty

Loc Code

ST

13

69509

13

110

Each

6.0000

1

8x

D3405-041

Manufactured

No

SP 11-09-22 L

Lug Assembly

B70980 1x

Location

Loc Qty

Loc Code

ST474

6

62227

2

70820

4

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Page 6

Work Order ID: 71322

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 6/28/2011

Required Date: 7/28/2011

Start Qty: 1.00

Required Qty: 1.00

D3405-043

Manufactured No

110

Each

3.0000

1

1



Lug Assembly

Location

Loc Qty

Loc Code

ST423

2

65703

2

ST481

1

68966

1

AN4C47A

Purchased

No

110

Each

31.0000

4

4



Bolt

Location

Loc Qty

Loc Code

ST361

31

117163

31

D3407-041

Manufactured

No

110

Each

6.0000

1

1



Tow Ring

Location

Loc Qty

Loc Code

ST463

6

70981

6

D3417-3

Manufactured

No

110

Each

72.0000

2

2



Washer

Location

Loc Qty

Loc Code

FG

9

33519

9

ST053

63

51648

16

53182

23

66847

24

Sp 11-09-22.
B73339.1X

Sp 11-09-22. C

4x
11-09-22.
B71585

Sp 11-09-22

2x

Picklist Print

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Work Order ID: 71322

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 6/28/2011

Required Date: 7/28/2011

Start Qty: 1.00

Required Qty: 1.00

D3456-1

Manufactured No

110

Each

102.0000

1

1



Washer



Sp 11-09-22

Location

Loc Qty

Loc Code

FG

7

25701

7

ST054

95

66848

3

71033

42

71165

50

IX

AN3C37A

Purchased

No

110

Each

163.0000

1

1



BOLT



Sp 11-09-22
18518 IX

Location

Loc Qty

Loc Code

ST353

163

116874

11

117010

2

117763

10

117885

60

118159

80

AN3C40A

Purchased

No

110

Each

79.0000

1

1



BOLT



Sp 11-09-22

Location

Loc Qty

Loc Code

ST354

79

112454

29

114442

50

IX

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Picklist Print

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Page 8

Work Order ID: 71322

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 6/28/2011

Required Date: 7/28/2011

Start Qty: 1.00

Required Qty: 1.00

AN3C41A

Purchased

No

110

Each

151.0000

1

1



BOLT

Location

Loc Qty

Loc Code

FG

4

103324

4

ST354

147

117407

72

117950

75



8/11/09-22
m 118518 1x

AN3C42A

Purchased

No

110

Each

53.0000

1

1



BOLT

Location

Loc Qty

Loc Code

ST354

53

106176

13

117763

20

118131

20



8/11-09-22
1x

AN3C43A

Purchased

No

110

Each

37.0000

4

4



BOLT

Location

Loc Qty

Loc Code

ST354

21

114455

20

117313

1

ST355

16

117688

16



8/11-09-22
4x

Picklist Print

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Work Order ID: 71322

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 6/28/2011

Required Date: 7/28/2011

Start Qty: 1.00

Required Qty: 1.00

AN3C46A

Purchased

No

110

Each

22.0000

5

5



BOLT

Location

Loc Qty

Loc Code

FP-B

7

113302

7

ST355

15

117764

15

sp 11-09-22
m 118757 3x
2x

AN960C10L

NAS1149C0332
R

Purchased

No

110

Each

0.0000

26

26



washer

MS21043-3



Nut

m 118354 26x

Location

Loc Qty

Loc Code

FG

72

103691

72

ST301

927

112314

69

118077

858

sp 11-09-22
sp 11-09-22
13x

5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

Item	Qty -013	Qty -043	Part Number	Description
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-043	FLOAT SKIDTUBE
		1	D3391-043	412 FLOAT SKIDTUBE
1		*24	*AN3C4A	*BOLT
3		*12	*AN3C6A	*BOLT
4		*8	*AN3C7A	*BOLT
5		*44	*AN960C10L	*WASHER
21A		*1	*D3564-1	*WEARSHOE (REPLACES D3460-1)
21B		*1	*D3566-1	*GASKET
22A		*1	*D3564-3	*WEARSHOE (REPLACES D3460-3)
22B		*1	*D3566-1	*GASKET
23A		*1	*D3564-5	*WEARSHOE (REPLACES D2577-5)
23B		*1	*D3566-5	*GASKET
10		*1	*D3391-021	*412 FORWARD TUBE
11		**1	**D3401-041	**TOW CAP
12A		**10	**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB166)
12B		**2	**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB166)
13		**10	**AN3C4A	**BOLT
14A		**4	**D3672-1	**WASHER (REPLACES NAS1515H3L)
14B		**10	**AN960C10L	**WASHER
24A		**1	**D3564-13	**WEARSHOE
24B		**1	**D3566-13	**GASKET
20		*1	*D3391-023	*412 MID TUBE
28		**20	**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB116)
30		*1	*D3391-025	*412 AFT TUBE
25A		**1	*D3537-1	**WEARPAD
25B		**1	*D3553-1	**GASKET
26A		**1	*D3537-7	**WEARPAD
26B		**1	*D3553-3	**GASKET
31		**1	**D2646	**AFT CAP
32		**14	**AELS-1032-130	**INSERT
36		**12	**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB366)
37A		**6	**AN3C4A	**BOLT
37B		**4	**AN3C5A	**BOLT
38A		**2	**D3672-1	**WASHER (REPLACES NAS1515H3L)
38B		**10	**AN960C10L	**WASHER

(CONTINUED ON PAGE 19)

(CONTINUED FROM PAGE 18)

Item	Qty -013	Qty -043	Part Number	Description
40	1		D2571	SADDLE, FWD OUTSIDE
41	1		D2572	SADDLE, FWD INSIDE
42	1		D2573	SADDLE, AFT OUTSIDE
43	1		D2574	SADDLE, AFT INSIDE
44	2		D2876	SADDLE SPACER
45	2		D2877	SADDLE SPACER
46	16		D3403-1	BUSHING
47A	4		D2747	SET SCREW
47B	2		D3533-1	SET SCREW
48	16		AN4C6A	BOLT
49	8		AN4C52A	BOLT
50	8		AN6C12A	BOLT
51A	32		D3672-3	WASHER (REPLACES NAS1515H4L)
51B	32		AN960C416L	WASHER
52A	8		D3672-9	WASHER (REPLACES NAS1515H6L)
52B	8		AN960C616L	WASHER
53	16		D3672-11	WASHER (REPLACES NAS1515H7L)
54	24		MS21043-4	NUT
55	4		ANC47A	BOLT
60	8		D3403-3	BUSHING
61	1		D3405-041	GHW LUG
62	1		D3405-043	GHW LUG
63	4		AN4C46A	BOLT
64	4		MS21043-4	NUT
70	1		D3407-041	TOW RING
71	2		D3417-3	WASHER
72	1		MS21043-4	NUT
73	1		D3456-1	WASHER
91	1		AN3C37A	BOLT
92	1		AN3C40A	BOLT
93	1		AN3C41A	BOLT
94	1		AN3C42A	BOLT
95	4		AN3C43A	BOLT
97	5		AN3C46A	BOLT
99	26		AN960C10L	WASHER
100	13		MS21043-3	NUT

*DENOTES PART IS INCLUDED WITH D3391-043 ASSEMBLY ABOVE

**DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. D AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742 REV. 3.

REF. FAA STC: SR01583SE
REF. CANADIAN STC: SH05-37
REF. EASA STC: EASA.IM.R.S.01126

REFERENCE ONLY

INSTRUCTIONS:

- 1) FOR D412-742-011/-013 SKIDTUBES @ CHANGE 006 AND SUBSEQUENT, UPDATE THE PARTS LIST TO MODIFY THE BOLT USED TO ATTACH THE GHW LUG AS FOLLOWS:

5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

32.15 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

ITEM	Qty -011	Qty -041	Qty -015	PART NUMBER	DESCRIPTION
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
	1	X		D412-742-041	FLOAT SKIDTUBE
	1		X	D412-742-015	ELECTRIC STEP KIT

IS:

63	4			AN4C47A	BOLT
----	---	--	--	---------	------

WAS:

63	4			AN4C46A	BOLT
----	---	--	--	---------	------

5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

32.16 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

ITEM	Qty -013	Qty 043	PART NUMBER	DESCRIPTION
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-043	FLOAT SKIDTUBE

IS:

63	4		AN4C47A	BOLT
----	---	--	---------	------

WAS:

63	4		AN4C46A	BOLT
----	---	--	---------	------

A	NEW ISSUE	AJS	08.12.19
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE USA, INC PORT HADLOCK, WA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9441	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		BOLT CHANGE	NTS
DATE	08.12.19	COPYRIGHT © 2008 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	